

Essential SmartBright G2 LED Floodlight

BVP135 LED40/WW 50W 100-240V WB

Essential SmartBright G2 LED Floodlight, 4000 lm, 50 W, 830 warm white, Symmetrical wide beam, 100°, Safety class I, Mounting bracket adjustable

Essential SmartBright G2 LED floodlight comes with a compact and sturdy design. It is light weight with die-cast aluminum housing and corrosion-proof powder coating, suitable for general outdoor application. High efficiency designed with latest LED technology, achieves substantial energy savings comparing to conventional floodlights.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Light Technical	
Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white

Optical cover type	Polycarbonate bowl/cover flat
Luminaire light beam spread	100°
Optic type outdoor	Symmetrical wide beam
Operating and Electrical	
Input Voltage	100 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	Cable 0.25m without plug

Datasheet, 2023, October 26 data subject to change

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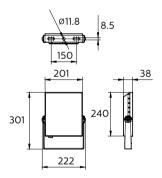
Controls and Dimming Dimmable No Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Optical cover material Polycarbonate Fixation material Steel Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Temperature	
Dimmable No Control interface Constant light output No Mechanical and Housing Housing Material Optical cover material Housing Color Black Mounting device Optical cover shape Optical cover finish Textured Overall length Overall height Steel No No No No No No No No No N	Ambient temperature range	-20 to +40 °C
Control interface - Constant light output No Mechanical and Housing Housing Material Aluminum die cast Optical cover material Polycarbonate Fixation material Steel Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Controls and Dimming	
Mechanical and Housing Housing Material Aluminum die cast Optical cover material Polycarbonate Fixation material Steel Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Dimmable	No
Mechanical and Housing Housing Material Aluminum die cast Optical cover material Polycarbonate Fixation material Steel Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Control interface	-
Housing Material Aluminum die cast Optical cover material Polycarbonate Fixation material Steel Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Constant light output	No
Housing Material Aluminum die cast Optical cover material Polycarbonate Fixation material Steel Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²		
Optical cover material Polycarbonate Fixation material Steel Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Mechanical and Housing	
Fixation material Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Optical cover finish Textured Overall length Overall width Overall height Effective projected area Steel Mounting bracket adjustable Textured Ounting bracket adjustable Adjustable Optical cover finish Textured 240 mm Overall width 201 mm Overall height 38 mm	Housing Material	Aluminum die cast
Housing Color Black Mounting device Mounting bracket adjustable Optical cover shape Optical cover finish Textured Overall length Overall width Overall height Samm Effective projected area Black Mounting bracket adjustable Textured Outline Textured 240 mm 00	Optical cover material	Polycarbonate
Mounting device Mounting bracket adjustable Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Fixation material	Steel
Optical cover shape Flat Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Housing Color	Black
Optical cover finish Textured Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Mounting device	Mounting bracket adjustable
Overall length 240 mm Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Optical cover shape	Flat
Overall width 201 mm Overall height 38 mm Effective projected area 0.053 m²	Optical cover finish	Textured
Overall height 38 mm Effective projected area 0.053 m²	Overall length	240 mm
Effective projected area 0.053 m²	Overall width	201 mm
, ,,	Overall height	38 mm
Dimensions (Height x Width x Depth) 38 x 201 x 240 mm	Effective projected area	0.053 m²
	Dimensions (Height x Width x Depth)	38 x 201 x 240 mm
	Approval and Application	

IP65 [Dust penetration-protected, jet-proof]

Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class I
Initial Performance (IEC Complian	nt)
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM <7
Power consumption tolerance	+/-10%
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BVP135 LED40/WW 50W 100-240V WB
Full product name	BVP135 LED40/WW 50W 100-240V WB
Full product code	871016331558499
Order code	911401614104
Material Nr. (12NC)	911401614104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163315584
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163315706

Dimensional drawing

Ingress protection code





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